

AMENDED CLAIMS LIST:

This listing of amended claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the reissue application. In compliance with 37 CFR § 1.173(d), matter to be added by reissue is underlined, and matter to be omitted by reissue is enclosed in brackets.

1. (Twice Amended) A portable trommel comprising:

a chassis, including support wheels at one end thereof for movement of the portable trommel;

a trommel rotatably mounted on the chassis and having an input end, an output end, and a trommel screen;

input means for supplying material to be screened to the input end of the trommel, the input means being mounted on the chassis adjacent the input end of the trommel;

output means for collecting material passing through the trommel screen, the output means being mounted on the chassis, below the trommel; and

a stockpiling conveyor mounted on the chassis and having a lower end for receiving screened material from the output means and having an upper end for discharging screened material to form a stockpile, wherein the stockpiling conveyor comprising a first lower part pivotally attached to the chassis and a first upper part, which is pivotally attached to the first lower part, the first lower and the first upper parts being movable between an extended, operational position, in which the stockpiling conveyor extends upwardly and outwardly from the chassis and a retracted position for

transportation, in which the first lower part is at an angle to the first upper part and the first upper part extends over the chassis, and further wherein the first lower part of the stockpiling conveyor has a lower end mounted to the chassis for rotation about a vertical axis, to enable the stockpiling conveyor to form an arc-shaped stockpile.

3. (Amended) A portable trommel as claimed in claim [2]1, wherein the input means comprises an input hopper and an input conveyor at the bottom of the input hopper which input conveyor discharges into the input of the trommel, and wherein the output means comprises a fines conveyor extending along the portable trommel from beneath the trommel to the stockpiling conveyor.

5. (Amended) A stockpiling conveyor as claimed in claim [2]1, wherein the lower end of the first lower part is pivotally mounted to the chassis for motion about a horizontal axis, and wherein the portable trommel includes a body extending upwardly from the chassis and including an upper support bracket providing a support point, with the vertical axis of rotation of the stockpiling conveyor extending through the support point, and wherein a support extends between the support point and the stockpiling conveyor for support thereof.

7. (Amended) A portable trommel as claimed in claim [2]1, wherein a turntable is mounted on the chassis, for rotation about a vertical axis, and wherein the lower part of the stockpiling conveyor is mounted to the turntable.

25. (Amended) A portable trommel [as claimed in claim 24, wherein the stockpiling

conveyor comprises a first lower part pivotally attached to the other end of the chassis and a first upper part pivotally attached to the first lower part, which first lower and upper parts are moveable between the extended, operational position, and the retracted position for transportation, and

wherein the rejected material conveyor comprises a second lower part pivotally attached to the one end of the chassis and a second, upper part pivotally connected to the second lower part, which second lower and upper parts are movable between the extended, operational position and the retracted position for transportation]comprising:

a chassis, including support wheels at one end thereof for movement of the trommel;

a trommel rotatably mounted on the chassis and having an input end and an output end and having a trommel screen, wherein the trommel is mounted with the output end thereof adjacent one end of the chassis;

input means for supplying material to be screened to the input end of the trommel mounted on the chassis adjacent the input end of the trommel, between the trommel and the other end of the chassis, the input means comprising an input hopper and an input conveyor at the bottom of the input hopper, which input conveyor discharges into the input end of the trommel,

output means for collecting material passing through the trommel screen, the output means being mounted on the chassis below the trommel;

a rejected material conveyor, mounted extending from the said one end of the chassis and extending from the output end of the trommel, for removal of coarse material that has traveled through the trommel, comprising a first lower part pivotally attached to the one end of the chassis and a first upper part pivotally connected to the

first lower part, which first lower and upper parts are movable between the extended, operational position and the retracted position for transportation; and

a stockpiling conveyor mounted on the other end of the chassis and having a lower end for receiving screened material from the output means and having an upper end for discharging screened material to form a stockpile, the stockpiling conveyor comprising a second lower part pivotally attached to the other end of the chassis and a second upper part pivotally attached to the first second part, which second lower and upper parts are moveable between the extended, operational position, and the retracted position for transportation; wherein each of the rejected material conveyor and the stockpiling conveyor is movable between an extended, operational position extending upwardly and outwardly from the chassis, and a retracted position for transportation, the rejected material conveyor and the stockpiling conveyor not extending substantially beyond the chassis in their retracted positions.

32. (Amended) [The]A trommel vehicle [of claim 26,]comprising:

a frame assembly supported for travel over a ground surface;

a material handling elongate trommel mounted on the frame assembly having input and output ends;

a first deployable elongate material distribution conveyor mounted on the frame assembly adjacent the trommel's output end, movable relative to the frame assembly about two angularly displaced axes, and having a first and a second component, the first component operatively interposed between the second component and the frame assembly, where the first component and the second component move relative to each other during adjustment of the conveyor between deployed and stowed conditions, and

where adjustment of the conveyor toward its stowed condition tends to minimize its gravitational projection and adjustment toward its deployed condition tends to enlarge its gravitational projection, and further wherein the first and second components' relative motion includes rotation motion, such that the conveyor's gravitational projection changes predominantly by rotating the second component over the first component; and
a second deployable elongate material distribution conveyor mounted on the frame assembly for rotation about a vertical axis, to enable the second deployable elongate material distribution conveyor to form an arc-shaped stockpile.

45. (Amended) [The]A trommel vehicle [of claim 42, wherein the third axis] comprising:

a chassis supported for travel over a ground surface;
an elongate trommel mounted on the chassis having input and output ends; and
a deployable elongate conveyor having first and second elongate components
where the first component is mounted on the chassis adjacent the output end of the trommel and is movable relative to the chassis about angularly displaced first and second axes, and where the second component articulates with the first component about a third axis, that is generally parallel to the second axis, as the conveyor moves between a deployed and stowed condition.

52. (Added) A trommel vehicle comprising:

a chassis supported for travel over the ground;
an elongate trommel mounted on the chassis having input and output ends; and
a first changeable configuration conveyor operatively associated with the

trommel's output end, the conveyor being adjustable between a compact stowed condition and an expanded deployed condition relative to the chassis and including at least a pair of relatively moveable elongate components which move relative to each other about two axes, a first component being operatively associated more proximately than any other component with the chassis, wherein the stowed condition the first component extends generally above the chassis and occupies a lateral space which is less than the length of the first component; and

a second changeable configuration conveyor operatively associated with the chassis, and mounted to the chassis, configured to rotate about a vertical axis to form an arc-shaped stockpile.

CLAIMS STATUS LIST

In compliance with 37 CFR § 1.173(c), below is a Claims Status List, listing the status of all patent claims (claims 1-25), and all added claims (claims 26-57), as of today's amendment, and an explanation of the patent disclosure support for all changes made to these claims.

<u>Claim</u>	<u>Status</u>	<u>Support</u>
Claim 1	Pending	Changes made to correct typographical errors and to incorporate elements of original patent claim 2.
Claim 2	Cancelled	
Claim 3	Pending	Change made to correct dependency upon incorporation of original patent claim 2 into original patent claim 1.
Claim 4	Pending	
Claim 5	Pending	Change made to correct dependency upon incorporation of original patent claim 2 into original patent claim 1.
Claim 6	Pending	
Claim 7	Pending	
Claim 8	Pending	Change made to correct dependency upon incorporation of original patent claim 2 into original patent claim 1.
Claim 9	Pending	
Claim 10	Pending	
Claim 11	Pending	
Claim 12	Pending	
Claim 13	Pending	
Claim 14	Pending	
Claim 15	Pending	
Claim 16	Pending	

<u>Claim</u>	<u>Status</u>	<u>Support</u>
Claim 17	Pending	
Claim 18	Pending	
Claim 19	Pending	
Claim 20	Pending	
Claim 21	Pending	
Claim 22	Pending	
Claim 23	Cancelled	
Claim 24	Cancelled	
Claim 25	Pending	Changes made to correct typographical errors, and to rewrite claim in independent form incorporating the elements of patent claims 23 and 24.
Claim 26	Cancelled	
Claim 27	Cancelled	
Claim 28	Cancelled	
Claim 29	Cancelled	
Claim 30	Cancelled	
Claim 31	Cancelled	
Claim 32	Pending	All elements of this added claim are discussed in the specifications at col. 4 ln. 44 through col. 6 ln. 3 and col. 7 ln. 65 through col. 8 ln. 38, and are illustrated in Figures 1, 2, 4, 9 and 10.
Claim 33	Cancelled	
Claim 34	Cancelled	
Claim 35	Cancelled	

<u>Claim</u>	<u>Status</u>	<u>Support</u>
Claim 36	Cancelled	
Claim 37	Cancelled	
Claim 38	Cancelled	
Claim 39	Cancelled	
Claim 40	Cancelled	
Claim 41	Cancelled	
Claim 42	Cancelled	
Claim 43	Cancelled	
Claim 44	Cancelled	
Claim 45	Pending	All elements of this added claim are discussed in the specifications at col. 4 ln. 44 through col. 6 ln. 3 and col. 7 ln. 65 through col. 8 ln. 38, and are illustrated in Figures 1, 2, 4, 5, 9 and 10.
Claim 46	Cancelled	
Claim 47	Cancelled	
Claim 48	Cancelled	
Claim 49	Cancelled	
Claim 50	Cancelled	
Claim 51	Cancelled	
Claim.52	Pending	All elements of this added claim are discussed in the specifications at col. 4 ln. 44 through col. 6 ln. 3 and col. 7 ln. 65 through col. 8 ln. 38, and are illustrated in Figures 1, 2, 4, 9 and 10.